

Resource Summary Report

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ProteinProphet

RRID:SCR_000286

Type: Tool

Proper Citation

ProteinProphet (RRID:SCR_000286)

Resource Information

URL: <http://proteinprophet.sourceforge.net/>

Proper Citation: ProteinProphet (RRID:SCR_000286)

Description: Software that automatically validates protein identifications made on the basis of peptides assigned to MS/MS spectra by database search programs such as SEQUEST.

Resource Type: software resource

Defining Citation: [PMID:14632076](#)

Keywords: standalone software, bio.tools

Resource Name: ProteinProphet

Resource ID: SCR_000286

Alternate IDs: OMICS_02521, biotools:proteinprophet

Alternate URLs: <https://bio.tools/proteinprophet>

Record Creation Time: 20220129T080200+0000

Record Last Update: 20260829T182029+0000

Ratings and Alerts

No rating or validation information has been found for ProteinProphet.

No alerts have been found for ProteinProphet.

Data and Source Information

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Pasquero S, et al. (2026) Targeting peptidyl-arginine deiminase 4 suppresses SARS-CoV-2 replication and modulates the inflammatory response. *iScience*, 29(3), 115038.

Gonzalez LA, et al. (2025) Sustained tenascin-C expression drives neointimal hyperplasia and promotes aortocaval fistula failure. *American journal of physiology. Heart and circulatory physiology*, 328(6), H1147.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. *Genome biology*, 25(1), 44.

Sobsey CA, et al. (2024) mTORC1-Driven Protein Translation Correlates with Clinical Benefit of Capivasertib within a Genetically Preselected Cohort of PIK3CA-Altered Tumors. *Cancer research communications*, 4(8), 2058.

Atashpaz S, et al. (2020) ATR expands embryonic stem cell fate potential in response to replication stress. *eLife*, 9.

Yoon C, et al. (2018) FZD4 Marks Lateral Plate Mesoderm and Signals with NORRIN to Increase Cardiomyocyte Induction from Pluripotent Stem Cell-Derived Cardiac Progenitors. *Stem cell reports*, 10(1), 87.

Bovo S, et al. (2018) A comparative analysis of label-free liquid chromatography-mass spectrometry liver proteomic profiles highlights metabolic differences between pig breeds. *PloS one*, 13(9), e0199649.

Zhou D, et al. (2013) SASH1 regulates melanocyte transepithelial migration through a novel G??s-SASH1-IQGAP1-E-Cadherin dependent pathway. *Cellular signalling*, 25(6), 1526.

Gui YX, et al. (2012) Extracellular signal-regulated kinase is involved in alpha-synuclein-induced mitochondrial dynamic disorders by regulating dynamin-like protein 1. *Neurobiology of aging*, 33(12), 2841.

Fang Q, et al. (2009) Brain-specific proteins decline in the cerebrospinal fluid of humans with Huntington disease. *Molecular & cellular proteomics : MCP*, 8(3), 451.

Zhang J, et al. (2005) Quantitative proteomic analysis of age-related changes in human cerebrospinal fluid. *Neurobiology of aging*, 26(2), 207.